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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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| Applicant: | Clifton J Williamson; Peter I Vasiliev | Confirmation No. | 4261 |
| Serial No.: | 10/617,627 | Customer No.: | 28863 |
| Filed: | July 10, 2003 | Examiner: | Albert Decady |
| | | Group Art Unit: | 2655 |
| | | Docket No.: | 1081-020US02 |

Title: METHOD AND APPARATUS FOR ERROR DETECTION

CERTIFICATE UNDER 37 CFR 1.8: I hereby certify that this correspondence is being deposited with the United States Post Service, as First Class Mail, in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450 on

March 24, 2005

By:

Angela Watson

Name: Angela Watson

**POWER OF ATTORNEY BY ASSIGNEE
AND REVOCATION OF PREVIOUS POWERS**

Commissioner for Patents
Alexandria, VA 22313-1450

Dear Sir:

Seagate Technology LLC ("Assignee"), having a place of business at 1280 Disc Drive, Shakopee, MN 55379-1863, states that it is the Assignee of the entire right, title, and interest in the application/patent identified above and represents that the undersigned is a representative authorized and empowered to sign on behalf of the Assignee.

Assignee has reviewed the assignment document that evidences the placement of title in the Assignee, a copy of which is attached.

Pursuant to 37 C.F.R. §§ 1.36 and 3.71, the Assignee hereby revokes any existing Powers of Attorney, if any, and appoints the following attorneys and/or patent agents to prosecute this application and to transact all business in the U.S. Patent and Trademark Office in connection with the above-identified application:

| | | | |
|-------------------------|-----------------|---------------------|-----------------|
| Steven J. Shumaker | Reg. No. 36,275 | Daniel J. Hanson | Reg. No. 46,757 |
| Kent J. Sieffert | Reg. No. 41,312 | Kelly P. Fitzgerald | Reg. No. 46,326 |
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Pursuant to §3.71, the Assignee hereby states that prosecution of the above-referenced patent application is to be conducted to the exclusion of the inventor(s).

Please direct all future correspondence in this application to:

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Date: 3-23-05

Assignee of Interest: Seagate Technology LLC

By: [Signature]
Name: Kirk A. Cesari
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